

# Weekly Report

2018.0521-2018.0527

## 1.This Week

### **Black Book Revision**

- 1.collect and organize the material (including paper, survey, book)
- 2.revise chapter 10.6: add recent multi-level visual analytics systems of text visualization
- 3.adjust the format of the reference and pictures

### **Power Grid Deep Learning Paper**

- 1.Based on the original idea, re-define the problem to be solved:
  - diagnose the fault location (which needs to be very specific rather than to be a coarse region area like before)
  - adapt the approach to the problem of incomplete testing data
- 2.Fetch the former LSTM model code from work station and learn to use keras with tensorflow framework to run this model

### **Others**

- 1.prepare the paper representation on the group meeting next week and prepare the slice
- 2.write the blog for the paper represented on the group meeting

### **Paper Reading**

1. **MobiSeg: Interactive region segmentation using heterogeneous mobility data**
2. **How ideas flow across multiple social groups**
3. **Exploring evolving media discourse through event cueing**
4. **CrystalBall: A Visual Analytic System for Future Event Discovery and Analysis from Social Media Data**
5. **VAiRoma: A visual analytics system for making sense of places, times, and events in roman history**

## 2.Progress

Work	Deadline	Progress
Power grid paper with Deeping learning	-	Started

Work	Deadline	Progress
Revise the black book	may	Finished